



January 20, 2004

TO: Commissioner of Patents  
P.O. Box 1435  
Alexandria, VA 22313-1450

FROM: George O. Saile, Reg. No. 19,572  
28 Davis Ave.  
Poughkeepsie, N.Y. 12603

SUBJECT: Serial #: 09/817,473  
File Date: 03/26/2001  
Inventor: YI, XU ET AL.  
Examiner: NGUYEN, THANH T.  
Art Unit: 2813  
Title: GAP FILLING PROCESS IN INTEGRATED  
CIRCUITS USING LOW DIELECTRIC CONSTANT  
MATERIALS

## RESPONSE TO OFFICE ACTION

This is in response to the Office Action dated October 16, 2003, Paper No. 15. Please consider the following in regards to the above referenced application.

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P.O. Box 1435, Alexandria, VA 22313-1450 on January 30, 2004.

Signature

A handwritten signature in dark ink, appearing to be "SBA", written over a horizontal line.

Date:

1/30/04

Stephen B. Ackerman, Reg. No. 37,761

TABLE OF CONTENTS:

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 5 of this paper.



CS98-106/107/108C

June 7, 2004

TO: Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: **Mail Stop Missing Parts**

FROM: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, NY 12603

Subject: Serial #:09/817,473  
File Date:3/26/01  
Invr(s): Xu, Y., et al  
Title: Gap Filling Process In Integrated Circuits Using Low Dielectric  
Constant Materials

#### **RESPONSE TO OFFICE COMMUNICATION**

Sir:

In response to the Office Communication, dated May 7, 2004 it was stated that the reply filed on 2/22/04 is not fully responsive to the prior Office Action because the applicant failed to provide a response to the 103 rejections mailed on 10/16/03 as well as no signature in the response. The response was actually mailed on 1/30/04 and a signed version is hereby attached. Please note that the applicant did originally respond to all three 103 rejections, so the notification of a failure to respond is not understood.

#### **CERTIFICATE OF MAILING**

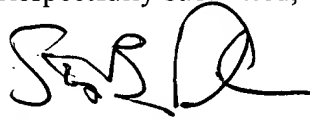
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450 on June 7, 2004.

Signature   
Stephen B. Ackerman, Reg. No. 37,761

Date: 6/7/04

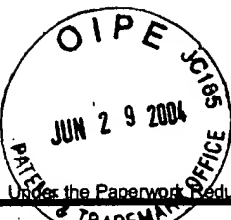
It is requested that should there be any further questions to please call the undersigned Attorney at (845) 452-5863.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. B. Ackerman', with a stylized flourish at the end.

Stephen B. Ackerman  
Reg. No. 37,761

Attached: Response



2813

Approved for use through 01/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 110.

## Complete if Known

Application Number 09/817,473  
Filing Date 3/26/01  
First Named Inventor Xu, Y.  
Examiner Name Nguyen, T.T.  
Art Unit 2813  
Attorney Docket No. CS98-106/7/8

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 19-0033  
Deposit Account Name George O. Saile

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1) (\$ )			

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  -20\*\* =  X  =   
Independent Claims  -3\*\* =  X  =   
Multiple Dependent  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ )

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	110.
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 110.

## SUBMITTED BY

Name (Print/Type) Stephen B. Ackerman

Registration No. 37,761  
(Attorney/Agent)

(Complete if applicable)

Telephone 845-452-5863

Signature

Date Jan 30, 2004

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.